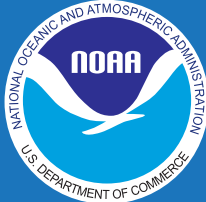
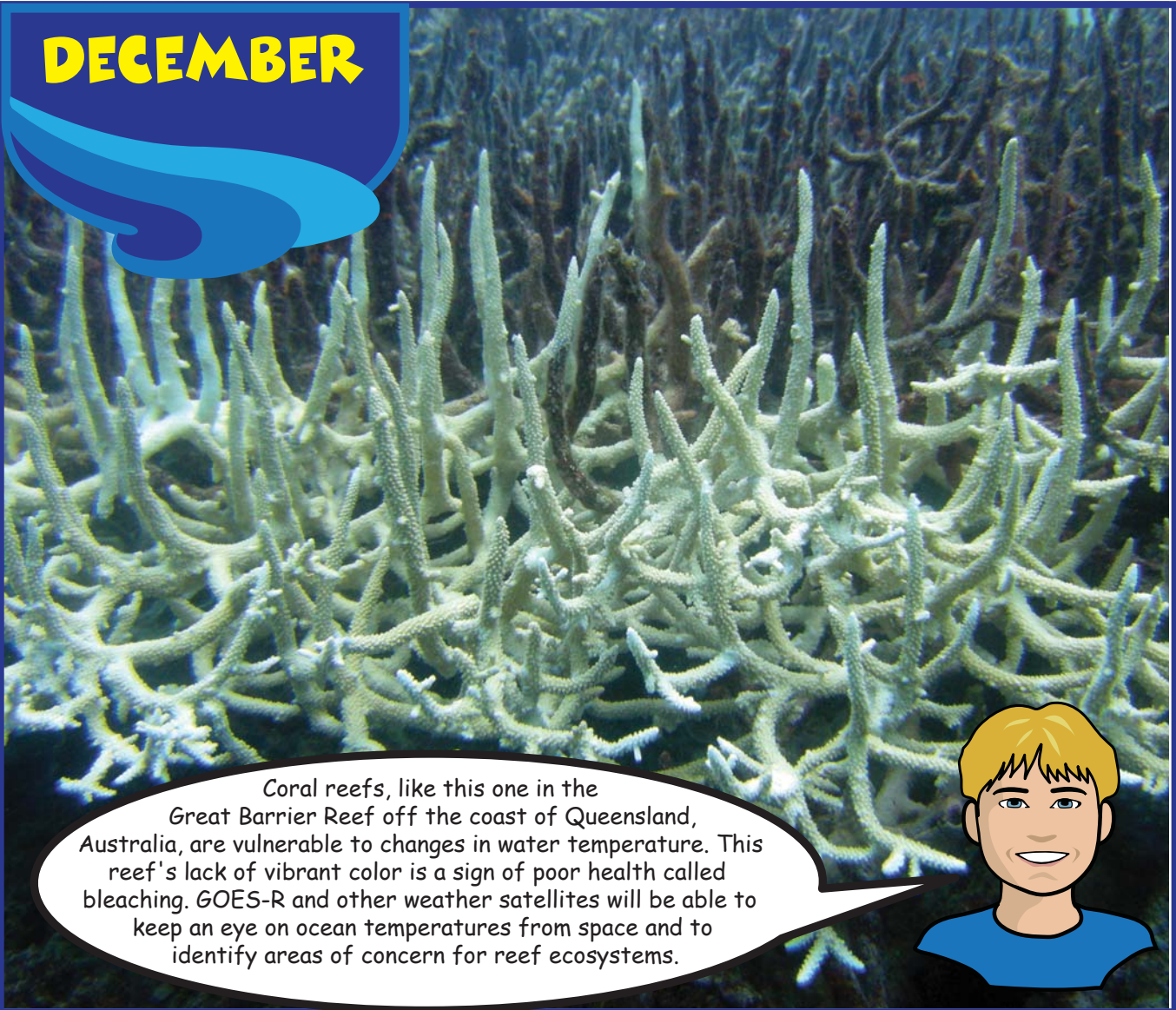
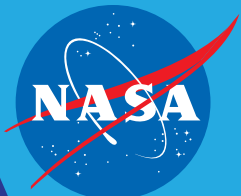


DECEMBER



2014



Coral reefs, like this one in the Great Barrier Reef off the coast of Queensland, Australia, are vulnerable to changes in water temperature. This reef's lack of vibrant color is a sign of poor health called bleaching. GOES-R and other weather satellites will be able to keep an eye on ocean temperatures from space and to identify areas of concern for reef ecosystems.



Photo by Matt Kieffer

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 1896: Temperature in Kipp, MT, rises 30° in just 7 minutes and 80° in a few hours. A 30-inch snow cover melts in half a day.	2	3	4	5 1952: Great Smog of London starts.	6
7 1966: Launch of ATS-1, the first geostationary weather satellite.	8	9 1952: Great Smog of London lifts, with more than 4,000 deaths attributed.	10	11 1905: Hottest temperature ever recorded in South America of 120°F in Rivadavia, Argentina.	12 1984: Launch of NOAA-9, a satellite to measure ozone and surface reflectivity, both important in assessing climate change.	13
14	15	16	17 1924: Severe ice storm strikes Illinois, covering ground with 2 inches of glaze at Springfield, causing \$21 million in damage.	18	19	20
21 Winter Solstice (Winter begins)	22 1989: 135 cities across the U.S. report record low temperatures.	23	24	25 1987: Tucson, AZ enjoys its first white Christmas in 47 years as 4 inches of snow coats the ground. Christmas Day	26	27 1982: End of the worst Louisiana rainstorm in over 100 years. Over 18 inches falls in Vinton in three days. Property damage is \$100 to 200 million.
28	29	30	31			

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